L Number	Hits	Search Text	DB	Time stamp
-	9	(((multi\$1path or (dual adj path) adj equalizer) and (ghost and eliminat\$3)) and (noise and enhancement) and	USPAT; US-PGPUB; EPO; JPO;	2003/10/03 13:52
-	9	<pre>((multiplication or multipl\$4))) and @pd <20011231 (((multi\$1path or (dual adj path) adj equalizer) and (ghost and eliminat\$3))</pre>	DERWENT USPAT; US-PGPUB;	2003/09/29 13:10
	3	and (noise and enhancement) and (multiplication or multipl\$4)) and @pd <20011231	EPO; JPO; DERWENT	2002/00/20
-	3	(((multi\$1path or (dual adj path) adj equalizer) and (ghost and eliminat\$3)) and (noise and enhancement) and (multiplication or multipl\$4) and	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/29 13:11
-	1	coefficient) and @pd <20011231 "5513176".PN.	USPAT	2003/09/29 14:21
-	1	"5410568".PN.	USPAT	14:21 2003/09/29 14:21
-	1	"5404575".PN.	USPAT	2003/09/29 14:22
-	1	"5311543".PN.	USPAT	2003/09/29 14:23
-	1	(multichannel adj adaptive adj equaliser) and @pd<20011231	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/29 14:31
-	5	"5748673"	USPAT; US-PGPUB; EPO; JPO;	2003/09/30 11:31
-	14	"5335251"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/29 14:35
-	9	"5513214"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/29 14:37
-	7	"5909466"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/29 14:42
-	20	"5416767"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/29 14:49
-	11	"5483557"	DERWENT USPAT	2003/09/29
-	1	"6314134".PN.	USPAT	14:49 2003/09/29 14:53
_	1	"5909466".PN.	USPAT	2003/09/29 15:07
_	1	"5909466".PN.	USPAT	2003/09/29 15:07
_	1	"5539774".PN.	USPAT	2003/09/29 15:07
-	1	"6134265".PN.	USPAT	2003/09/29
-	1	"6026121".PN.	USPAT	2003/09/29
_	1	"5909466".PN. "5572262".PN.	USPAT	2003/09/29 15:09 2003/09/29
_	1	"6157685".PN.	USPAT	2003/09/29 15:09 2003/09/29
_	1	"5850415".PN.	USPAT	15:21 2003/09/29
	<u> </u>			15:22

			_	
-	1	"5748673".PN.	USPAT	2003/09/29
_	. 1	"5694388".РМ.	USPAT	15:22 2003/09/29
-	1	"5687162".PN.	USPAT	15:22 2003/10/02 13:27
_	9	"5848105"	USPAT;	2003/09/30
	ø		US-PGPUB; EPO; JPO;	09:19
-	2	(((multi\$1path or (dual adj path) adj	DERWENT USPAT;	2003/09/30
		equalizer) and (ghost and eliminat\$3)) and (noise and enhancement) and ((multiplication or multiply or multiplying))) and @pd <20011231	US-PGPUB; EPO; JPO; DERWENT	10:37
_	5	"6304619"	USPAT; US-PGPUB; EPO; JPO;	2003/10/02 10:17
	_		DERWENT	
_	6.	(ghost with (eliminat\$3 or reduc\$3 or remov\$3 or improv\$3) and equaliz\$5 and FFT and (down and up) and sampl\$3) and	USPAT; US-PGPUB; EPO; JPO;	2003/09/30
-	13	<pre>@pd < "20011231" (ghost and (eliminat\$3 or reduc\$3 or remov\$3 or improv\$3) and equaliz\$5 and FFT and (down and up) and sampl\$3) and</pre>	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/10/08 10:59
		<pre>@pd < "20011231"</pre>	DERWENT	
-	21	"5539774"	USPAT; US-PGPUB; EPO; JPO;	2003/09/30
_	11	"5692011"	DERWENT USPAT;	2003/09/30
			US-PGPUB; EPO; JPO; DERWENT	14:12
-	5	"5809069"	USPAT; US-PGPUB; EPO; JPO;	2003/09/30 14:13
_	5	"5901174"	DERWENT USPAT; US-PGPUB;	2003/09/30 14:15
-	6	"6295317"	EPO; JPO; DERWENT USPAT; US-PGPUB;	2003/09/30
			EPO; JPO; DERWENT	
-	4	"6442221"	USPAT; US-PGPUB; EPO; JPO;	2003/10/01
-	4	"5703908"	DERWENT USPAT; US-PGPUB;	2003/09/30 14:18
_	7	"5533063"	EPO; JPO; DERWENT USPAT; US-PGPUB;	2003/09/30 14:19
_	4	"5896306"	EPO; JPO; DERWENT USPAT;	2003/09/30
		·	US-PGPUB; EPO; JPO; DERWENT	17:06
-	1	"60136075"	USPAT; US-PGPUB; EPO; JPO;	2003/10/01 13:03
-	4	. "6442221"	DERWENT USPAT; US-PGPUB;	2003/10/07 10:00
			EPO; JPO; DERWENT	

-	2	5303417.pn.	USPAT; US-PGPUB;	2003/10/01 14:30
			EPO; JPO; DERWENT	2002/10/01
-	8	((multipath adj interference) and equaliz\$5 and FFT and (down and up) and sampl\$3) and @pd < "20011231"	USPAT; US-PGPUB; EPO; JPO;	2003/10/01 14:47
-	1	((multipath adj interference) and equaliz\$5 and FFT and FIR and coefficient	DERWENT USPAT; US-PGPUB;	2003/10/01 14:50
		and (inverse adj FFT)) and @pd < "20011231"	EPO; JPO; DERWENT	14:50
-	1	"5164963".PN.	USPAT	2003/10/01 14:49
-	4	((multipath adj interference) and equaliz\$5 and FFT and FIR and coefficient and ((inverse adj FFT)or IFFT)) and @pd <	USPAT; US-PGPUB; EPO; JPO;	2003/10/01 14:50
-	759	"20011231" 375/346.ccls.	DERWENT USPAT	2003/10/01 15:08
-	7	(375/346.ccls. and equaliz\$3 and FFT and (IFFT or (inverse adj FFT))) and @pd < "20011231"	USPAT	2003/10/09 13:11
-	1	(375/346.ccls. and equaliz\$3 and FFT and (IFFT or (inverse adj FFT)) and (ghost or (multipath adj interference))) and @pd < "20011231"	USPAT	2003/10/01 15:11
-	1	"5721783".PN.	USPAT	2003/10/01 15:23
-	1	"5625651".PN.	USPAT	2003/10/01 15:24
-	7	(375/346.ccls. and equaliz\$3 and FFT and (IFFT or (inverse adj FFT)) and (add\$3 or sum\$3)) and @pd < "20011231"	USPAT	2003/10/01 15:29
-	5	(375/346.ccls. and equaliz\$3 and (multipath adj interference)) and @pd < "20011231"	USPAT	2003/10/01 15:44
_	30	(multipath with interference with (remov\$3 or eliminat\$3) with equaliz\$3) and @pd < "20011231"	USPAT	2003/10/01 15:54
_	3	<pre>(((multipath with interference) or ghost) with (remov\$3 or eliminat\$3) adj equaliz\$3) and @pd < "20011231"</pre>	USPAT	2003/10/01 15:48
-	62	((multipath with interference with (remov\$3 or eliminat\$3)) and equaliz\$3) and @pd < "20011231"	USPAT	2003/10/08 11:11
-	11	"5687162"	USPAT	2003/10/01 16:14
-	1	"5363403".PN.	USPAT	2003/10/01 16:26
-	1	"5343496".PN.	USPAT	2003/10/01 16:26
-	1	"5218619".PN.	USPAT	2003/10/01
_	1	"5105435".PN. "5099493".PN.	USPAT USPAT	2003/10/01 16:27 2003/10/01
_	1	"6097477".PN.	USPAT	2003/10/01 16:27 2003/10/02
_	1	"6097477".PN.	USPAT	10:15 2003/10/02
_	1	"5175601".PN.	USPAT	10:15 2003/10/02
_	1	"5166742".PN.	USPAT	10:15 2003/10/02
_	1	"5042944".PN.	USPAT	10:15 2003/10/02
-	1	"4984883".PN.	USPAT	10:15 2003/10/02 10:16
L		1	L	

-	1869	equalizer and FIR	USPAT;	2003/10/02
}			US-PGPUB;	10:19
			EPO; JPO;	
l _	1083	equalizer and FIR and coefficient	DERWENT USPAT;	2003/10/02
-	1003	equalizer and rik and coefficient	US-PGPUB;	13:06
			EPO; JPO;	10.00
			DERWENT	
-	234	equalizer and FIR and coefficient and	USPAT;	2003/10/02
		window	US-PGPUB;	11:08
			EPO; JPO; DERWENT	
1_	13	equalizer and FIR and coefficient and	USPAT;	2003/10/02
1	13	window and ghost	US-PGPUB;	11:08
			EPO; JPO;	
			DERWENT	
-	6	equalizer and FIR and coefficient and	USPAT;	2003/10/02
i		(combin\$3 adj power)	US-PGPUB;	10:59
			EPO; JPO; DERWENT	
<u>-</u>	28	"4178557"	USPAT;	2003/10/02
1	"		US-PGPUB;	10:59
1			EPO; JPO;	
			DERWENT	
-	418	equalizer and FIR and coefficient and	USPAT;	2003/10/02
		correlat\$3	US-PGPUB; EPO; JPO;	11:09
			DERWENT	
_	2	equalizer and FIR and coefficient and	USPAT;	2003/10/02
	-	correlat\$3 and (combined adj power)	US-PGPUB;	11:14
			EPO; JPO;	
	_		DERWENT	0000 (10 (00
-	3	equalizer and FIR and correlat\$3 and	USPAT;	2003/10/02 11:16
1		(combined adj power)	US-PGPUB; EPO; JPO;	11:16
			DERWENT	
_	9	equalizer and correlat\$3 and (combined	USPAT;	2003/10/02
		adj power)	US-PGPUB;	11:17
			EPO; JPO;	
	22	lines and RID and profficient and	DERWENT	2003/10/02
_	33	equalizer and FIR and coefficient and (multipath adj interference)	USPAT; US-PGPUB;	13:07
	1	(marcipach ad) interrence)	EPO; JPO;	13.07
	1		DERWENT	
-	11	"5687162"	USPAT	2003/10/02
	_	W5570547#	ap. =	13:27
-	7	"5572547"	USPAT;	2003/10/02 15:39
			US-PGPUB; EPO; JPO;	13.35
			DERWENT	
-	12	"5684827"	USPAT;	2003/10/02
1.		·	US-PGPUB;	15:46
			EPO; JPO;	
1_	22	 "5594496"	DERWENT USPAT;	2003/10/02
-	""	JJJ77750 .	US-PGPUB;	15:50
			EPO; JPO;	
			DERWENT	
-	29	"5546132"	USPAT;	2003/10/02
1			US-PGPUB;	16:01
			EPO; JPO; DERWENT	
_	9	"6124898"	USPAT;	2003/10/02
			US-PGPUB;	16:06
			EPO; JPO;	
	1		DERWENT	
-	19	"5784415"	USPAT;	2003/10/02
			US-PGPUB; EPO; JPO;	16:10
~			DERWENT	
L	<u> </u>	<u> </u>	221(112111	

_	48	"5031195"	USPAT;	2003/10/02
	1		US-PGPUB;	16:27
]		EPO; JPO;	1
	1		DERWENT	
	21	"5539774"		2003/10/02
-	21	~5539114~	USPAT;	1
			US-PGPUB;	16:27
			EPO; JPO;	
}			DERWENT	
-	70	(((multipath with interference) or ghost)	USPAT	2003/10/03
		with (remov\$3 or eliminat\$3) with		09:50
		equaliz\$3) and @pd < "20011231"		
_	2	(((multipath with interference) or ghost)	USPAT	2003/10/03
		with (remov\$3 or eliminat\$3) with		09:50
] .		equaliz\$3 and MRC) and @pd < "20011231"		
	ا و	(((multi\$1path or (dual adj path) adj	USPAT;	2003/10/03
1	1 1	equalizer) and (ghost and eliminat\$3))	US-PGPUB;	13:55
				13.55
		and (noise and enhancement) and ((complex	EPO; JPO;	
		same multiplication or multipl\$4))) and	DERWENT	
		@pd <20011231	l :	
-	15	((((multi\$1path or (dual adj path)) adj	USPAT;	2003/10/03
		equalizer)) and ((complex same	US-PGPUB;	14:16
1		multiplication or multipl\$4))) and @pd	EPO; JPO;	
		<20011231	DERWENT	
_	2	((((multi\$1path or (dual adj path)) adj	USPAT;	2003/10/03
	, <u>"</u> !	equalizer)) and (complex same	US-PGPUB;	15:56
	j 1	(multiplication or multipl\$4))) and @pd	EPO; JPO;	
	j , l	<pre><multiplication <20011231<="" and="" epd="" multiplipality="" of="" pre=""></multiplication></pre>	DERWENT	
			1	2003/10/06
-	2	((((multi\$1path or (dual adj path)) adj	USPAT;	2003/10/06
		equalizer)) and (complex adj	US-PGPUB;	07:50
		(multiplication or multipl\$4))) and @pd	EPO; JPO;	į l
		<20011231	DERWENT	
-	3	(equalizer and (complex adj	USPAT;	2003/10/06
		(multiplication or multipl\$4)) and	US-PGPUB;	07:53
	[((finite or FIR) adj filter) and	EPO; JPO;	1
		pre\$1processor) and @pd <20011231	DERWENT	
1_	39	(equalizer and (complex adj	USPAT;	2003/10/06
-	39		US-PGPUB;	09:38
		(multiplication or multipl\$4)) and		09.30
		((finite or FIR) adj filter) and	EPO; JPO;	1
		processor) and @pd <20011231	DERWENT	
-	1	"6157909".PN.	USPAT	2003/10/06
				08:38
-	8	"5402445"	USPAT;	2003/10/06
1			US-PGPUB;	09:43
			EPO; JPO;	
			DERWENT	
l _	11	"5297166"	USPAT;	2003/10/06
			US-PGPUB;	09:53
			EPO; JPO;	*****
			1	·
]	HAACO70CH	DERWENT	2003/10/06
-	32	"4468786"	USPAT;	2003/10/06
			US-PGPUB;	10:04
			EPO; JPO;	
			DERWENT	
-	36	"3974449"	USPAT;	2003/10/06
i			US-PGPUB;	11:22
			EPO; JPO;	1
1			DERWENT	
I -	13	(equalizer and FIR and tim) and @pd <	USPAT;	2003/10/06
	1	"20011231"	US-PGPUB;	13:11
			EPO; JPO;	-3.11
			1	
	1	//mrn -44	DERWENT	1 2002 (10 (22
-	46	((FIR adj equalizer) and time) and @pd <	USPAT;	2003/10/08
1		"20011231"	US-PGPUB;	13:17
			EPO; JPO;	
1			DERWENT	
-	7	(USPAT;	2003/10/06
1		domain)) and @pd < "20011231"	US-PGPUB;	13:13
			EPO; JPO;	1
1	1		DERWENT	1
		<u> </u>	1	<u> </u>

		•		
-	6	"5844941"	USPAT;	2003/10/07
			US-PGPUB;	10:00
			EPO; JPO;	
			DERWENT	
-	13		USPAT;	2003/10/09
		remov\$3 or improv\$3) and equaliz\$5 and	US-PGPUB;	13:02
		FFT and (down and up) and sampl\$3 and	EPO; JPO;	
		shift) and @pd < "20011231"	DERWENT	
-	1	((multipath with interference with	USPAT	2003/10/08
	į	(remov\$3 or eliminat\$3)) and equaliz\$3		11:18
	1	and (shift same (left and right))) and		
		<pre>@pd < "20011231"</pre>		
-	2	(multipath with interference and	USPAT	2003/10/08
		equaliz\$3 and ((shift\$3 adj (left and		11:32
		right))or ((left and right) adj		
		shift\$3))) and @pd < "20011231"		
-	3	(375/346.ccls. and ((shift\$3 adj (left	USPAT	2003/10/08
•		and right))or ((left and right) adj		11:46
		shift\$3))) and @pd < "20011231"		
-	2	(equaliz\$5 and 375/343.ccls. and	USPAT	2003/10/08
		((shift\$3 adj (left and right))or ((left		13:42
		and right) adj shift\$3))) and @pd <		
	_	"20011231"		0000/10/00
-	5	(equaliz\$5 and 375/355.ccls. and	USPAT	2003/10/08
		((shift\$3 adj (left and right))or ((left		13:38
		and right) adj shift\$3))) and @pd < ""		
	6		USPAT	2003/10/09
-	0	<pre>(equaliz\$5 and 375/340.ccls. and ((shift\$3 adj (left and right))or ((left</pre>	USPAI	11:00
		and right) adj shift\$3))) and @pd <		11.00
		and right; adj shirts;	1	
_	1	(equaliz\$5 and 375/233.ccls. and	USPAT	2003/10/08
	*	((shift\$3 adj (left and right))or ((left	OSIAI	13:57
		and right) adj shift\$3))) and @pd <		1 23.3.
		"20011231"		1
_	1		USPAT	2003/10/09
	_	((shift\$3 adj (left and right))or ((left		10:59
		and right) adj shift\$3))) and @pd <		
		"20011231"		1
-	4	(equaliz\$5 and 375/222.ccls. and	USPAT	2003/10/09
		((shift\$3 adj (left and right))or ((left		10:58
		and right) adj shift\$3))) and @pd <		1
		"20011231"		
-	12	"5483557"	USPAT	2003/10/08
	_			14:58
-	7	"5909466"	USPAT	2003/10/08
1		/		14:58
-	4	(equaliz\$5 and 375/340.ccls. and	USPAT	2003/10/09
	[((shift\$3 adj (left and right))or ((left		11:00
		and right) adj shift\$3))and (channel adj		
	5	estimat\$3)) and @pd < "20011231"	IICDAM:	2002/10/00
1 -	1	(ghost and (eliminat\$3 or reduc\$3 or	USPAT;	2003/10/09 13:03
		remov\$3 or improv\$3) and equaliz\$5 and FFT and (down and up) and sampl\$3 and	US-PGPUB; EPO; JPO;	13:03
1		shift and ((finite adj filter) or FIR))	DERWENT	
i		and @pd < "20011231"	DELMENT	
l _	2	(375/346.ccls. and equaliz\$3 and FFT and	USPAT	2003/10/09
		(IFFT or (inverse adj FFT)) and ((finite		13:12
		adj filter) or FIR)) and @pd < "20011231"		
L			1	·